



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central Ste.300
Wichita KS 67206

ATTN: Jerry A. Smith

Erskine B #1-32

32-31s-3w Sumner,KS

Start Date: 2012.08.04 @ 15:31:05

End Date: 2012.08.04 @ 23:33:20

Job Ticket #: 47592 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.10 @ 16:23:03

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

Erskine B #1-32

DST # 1

Swope & Hertha

2012.08.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
 8080 E. Central Ste.300
 Wichita KS 67206
 ATTN: Jerry A. Smith

32-31s-3w Sumner,KS
Erskine B #1-32
 Job Ticket: 47592 **DST#: 1**
 Test Start: 2012.08.04 @ 15:31:05

GENERAL INFORMATION:

Formation: **Swope & Hertha**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:18:20
 Time Test Ended: 23:33:20
 Interval: **3410.00 ft (KB) To 3492.00 ft (KB) (TVD)**
 Total Depth: 3492.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1287.00 ft (KB)
 1278.00 ft (CF)
 KB to GR/CF: 9.00 ft

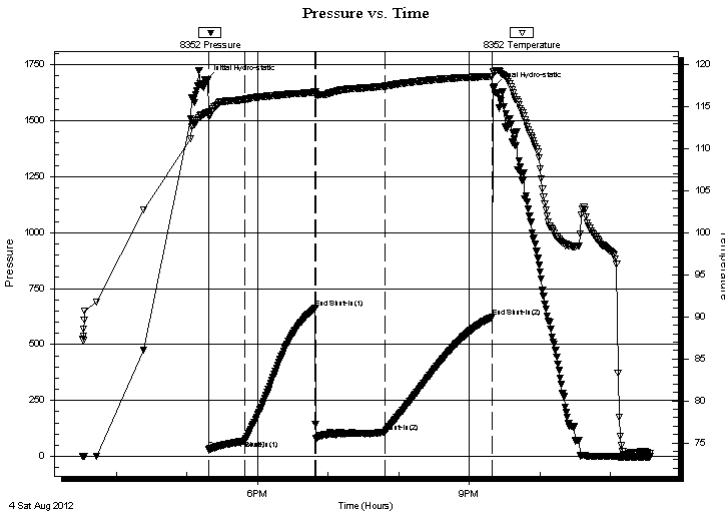
Serial #: 8352

Outside

Press @ Run Depth: 109.68 psig @ 3411.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.04 End Date: 2012.08.04 Last Calib.: 2012.08.04
 Start Time: 15:31:10 End Time: 23:33:19 Time On Btm: 2012.08.04 @ 17:16:50
 Time Off Btm: 2012.08.04 @ 21:20:50

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 12 mins.
 IS: No blow .
 FF: Strong blow . B.O.B. in 10 secs.
 FS: No blow .

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1682.52 | 114.34 | Initial Hydro-static |
| 2 | 32.12 | 113.91 | Open To Flow (1) |
| 33 | 70.11 | 115.88 | Shut-In(1) |
| 92 | 663.76 | 116.74 | End Shut-In(1) |
| 93 | 78.34 | 116.50 | Open To Flow (2) |
| 152 | 109.68 | 117.45 | Shut-In(2) |
| 243 | 622.93 | 118.61 | End Shut-In(2) |
| 244 | 1650.87 | 119.19 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------------|--------------|
| 120.00 | O&WC,GM 6%o 19%w 42%g 33%m | 0.59 |
| 125.00 | SOCGM 3%o 47%g 50%m | 0.93 |
| 0.00 | 2170 ft.of GIP | 0.00 |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47592

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2012.08.04 @ 15:31:05

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3183.00 ft | Diameter: 3.80 inches | Volume: 44.65 bbl | Tool Weight: 2400.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 24000.00 lb |
| Drill Collar: | Length: 210.00 ft | Diameter: 2.25 inches | Volume: 1.03 bbl | Weight to Pull Loose: 76000.00 lb |
| | | | <u>Total Volume: 45.68 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 11.00 ft | | | String Weight: Initial 64000.00 lb |
| Depth to Top Packer: | 3410.00 ft | | | Final 65000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 82.00 ft | | | |
| Tool Length: | 110.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|---------------|-------|------|---------|---------|-------------------------------|
| C.O. Sub | 1.00 | | | 3383.00 | |
| Shut in tool | 5.00 | | | 3388.00 | |
| HMV | 5.00 | | | 3393.00 | |
| Jars | 5.00 | | | 3398.00 | |
| Safety Joint | 3.00 | | | 3401.00 | |
| Packer | 4.00 | | | 3405.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3410.00 | |
| Stubb | 1.00 | | | 3411.00 | |
| Recorder | 0.00 | 8370 | Inside | 3411.00 | |
| Recorder | 0.00 | 8352 | Outside | 3411.00 | |
| Perforations | 6.00 | | | 3417.00 | |
| Blank Spacing | 63.00 | | | 3480.00 | |
| Perforations | 7.00 | | | 3487.00 | |
| Bullnose | 5.00 | | | 3492.00 | 82.00 Bottom Packers & Anchor |

Total Tool Length: 110.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.
8080 E. Central Ste.300
Wichita KS 67206
ATTN: Jerry A. Smith

32-31s-3w Sumner,KS
Erskine B #1-32
Job Ticket: 47592 **DST#: 1**
Test Start: 2012.08.04 @ 15:31:05

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 19000 ppm |
| Viscosity: 53.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 9.17 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3000.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

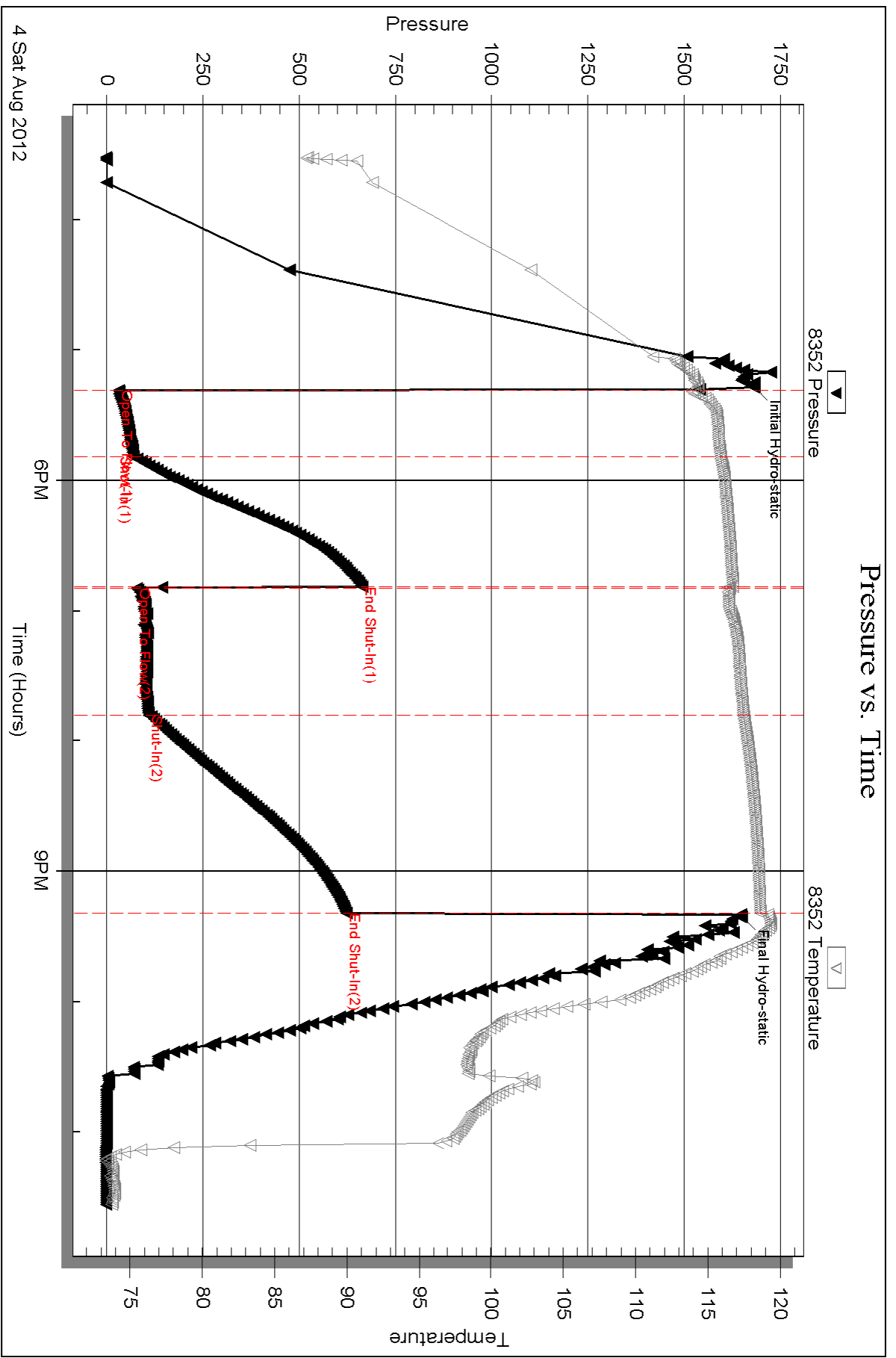
| Length ft | Description | Volume bbl |
|--------------|----------------------------|---------------|
| 120.00 | O&WC,GM 6%o 19%w 42%g 33%m | 0.590 |
| 125.00 | SOCGM 3%o 47%g 50%m | 0.934 |
| 0.00 | 2170 ft.of GIP | 0.000 |

Total Length: 245.00 ft Total Volume: 1.524 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments: Rw .3 ohms @81deg



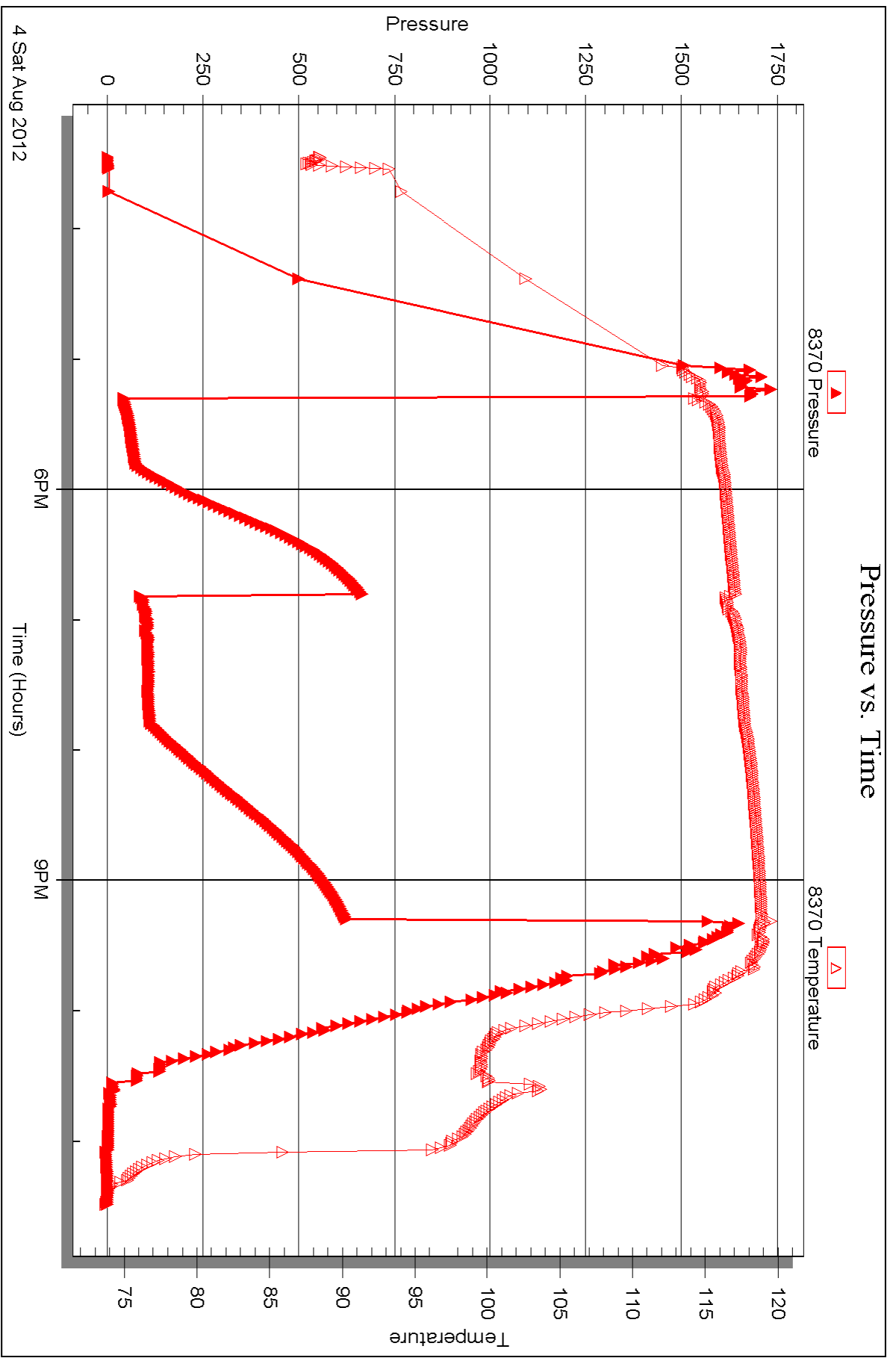
Serial #: 8370

Inside

McCoy Petroleum Corp.

Eskine B #1-32

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47592

Printed: 2012.08.10 @ 16:23:06



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central Ste.300
Wichita KS 67206

ATTN: Jerry A. Smith

Erskine B #1-32

32-31s-3w Sumner,KS

Start Date: 2012.08.06 @ 13:54:49

End Date: 2012.08.06 @ 23:40:34

Job Ticket #: 47593 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.10 @ 16:22:11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
8080 E. Central Ste.300
Wichita KS 67206
ATTN: Jerry A. Smith

32-31s-3w Sumner,KS

Erskine B #1-32

Job Ticket: 47593

DST#: 2

Test Start: 2012.08.06 @ 13:54:49

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:02:19
 Time Test Ended: 23:40:34
 Interval: **3942.00 ft (KB) To 3958.00 ft (KB) (TVD)**
 Total Depth: 3958.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1287.00 ft (KB)
 1278.00 ft (CF)
 KB to GR/CF: 9.00 ft

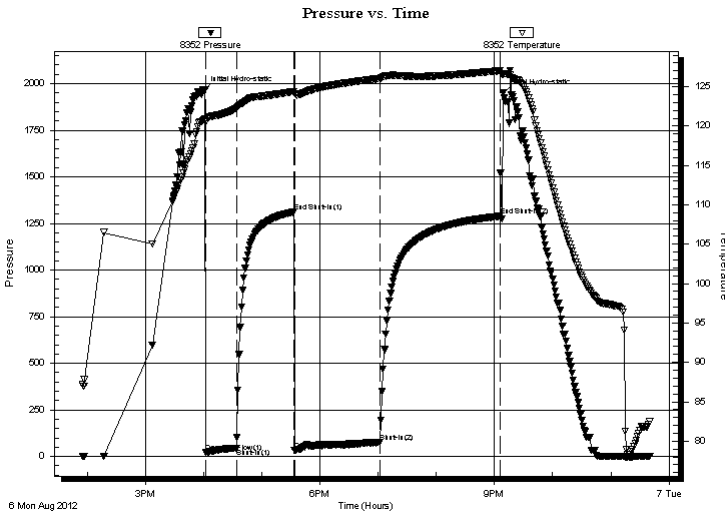
Serial #: 8352

Outside

Press @ Run Depth: 75.79 psig @ 3943.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
 Start Time: 13:54:54 End Time: 23:40:34 Time On Btm: 2012.08.06 @ 15:59:34
 Time Off Btm: 2012.08.06 @ 21:08:49

TEST COMMENT: IF: Strong blow . B.O.B. in 25 secs. GTS in 26 mins.
 IS: No blow .
 FF: Strong blow . (see gas flow report)
 FS: No blow .

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1965.28 | 120.79 | Initial Hydro-static |
| 3 | 21.35 | 120.63 | Open To Flow (1) |
| 34 | 43.77 | 122.21 | Shut-In(1) |
| 94 | 1312.23 | 124.39 | End Shut-In(1) |
| 94 | 33.77 | 124.06 | Open To Flow (2) |
| 183 | 75.79 | 126.03 | Shut-In(2) |
| 307 | 1289.62 | 127.02 | End Shut-In(2) |
| 310 | 1948.47 | 126.49 | Final Hydro-static |

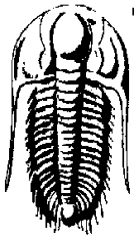
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------|--------------|
| 60.00 | SMCO 4% m 96% o | 0.30 |
| 175.00 | GOCWM 35% g 30% o 14% w 21% m | 1.09 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 8.00 | 8.38 |
| Last Gas Rate | 0.25 | 5.00 | 30.78 |
| Max. Gas Rate | 0.25 | 10.00 | 38.71 |



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
8080 E. Central Ste.300
Wichita KS 67206
ATTN: Jerry A. Smith

32-31s-3w Sumner,KS
Erskine B #1-32
Job Ticket: 47593 **DST#: 2**
Test Start: 2012.08.06 @ 13:54:49

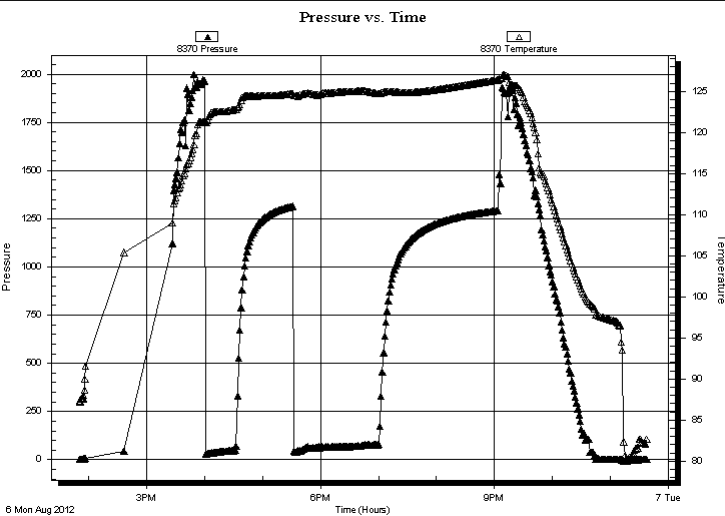
GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:02:19
Time Test Ended: 23:40:34
Interval: **3942.00 ft (KB) To 3958.00 ft (KB) (TVD)**
Total Depth: 3958.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Pevoteaux
Unit No: 56
Reference Elevations: 1287.00 ft (KB)
1278.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8370 Inside

Press @ Run Depth: psig @ 3943.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
Start Time: 13:50:33 End Time: 23:37:58 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 25 secs. GTS in 26 mins.
IS: No blow .
FF: Strong blow . (see gas flow report)
FS: No blow .



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---|--------------|
| 60.00 | SMCO 4% <i>m</i> 96% <i>o</i> | 0.30 |
| 175.00 | GOCWM 35% <i>g</i> 30% <i>o</i> 14% <i>w</i> 21% <i>m</i> | 1.09 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 8.00 | 8.38 |
| Last Gas Rate | 0.25 | 5.00 | 30.78 |
| Max. Gas Rate | 0.25 | 10.00 | 38.71 |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47593

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2012.08.06 @ 13:54:49

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3727.00 ft | Diameter: 3.80 inches | Volume: 52.28 bbl | Tool Weight: | 2400.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 24000.00 lb |
| Drill Collar: | Length: 210.00 ft | Diameter: 2.25 inches | Volume: 1.03 bbl | Weight to Pull Loose: | 79000.00 lb |
| | | | <u>Total Volume: 53.31 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial | 70000.00 lb |
| Depth to Top Packer: | 3942.00 ft | | | Final | 70000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 16.00 ft | | | | |
| Tool Length: | 44.00 ft | | | | |
| Number of Packers: | 2 | Diameter: | 6.75 inches | | |
| Tool Comments: | | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|--------------|-------|------|---------|---------|-------------------------------|
| C.O. Sub | 1.00 | | | 3915.00 | |
| Shut in tool | 5.00 | | | 3920.00 | |
| HMV | 5.00 | | | 3925.00 | |
| Jars | 5.00 | | | 3930.00 | |
| Safety Joint | 3.00 | | | 3933.00 | |
| Packer | 4.00 | | | 3937.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3942.00 | |
| Stubb | 1.00 | | | 3943.00 | |
| Recorder | 0.00 | 8370 | Inside | 3943.00 | |
| Recorder | 0.00 | 8352 | Outside | 3943.00 | |
| Perforations | 10.00 | | | 3953.00 | |
| Bullnose | 5.00 | | | 3958.00 | 16.00 Bottom Packers & Anchor |

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47593

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2012.08.06 @ 13:54:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------|---------------|
| 60.00 | SMCO 4%m 96%o | 0.295 |
| 175.00 | GOCWM 35%g 30%o 14%w 21%m | 1.088 |

Total Length: 235.00 ft

Total Volume: 1.383 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GP-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47593

DST#: 2

ATTN: Jerry A. Smith

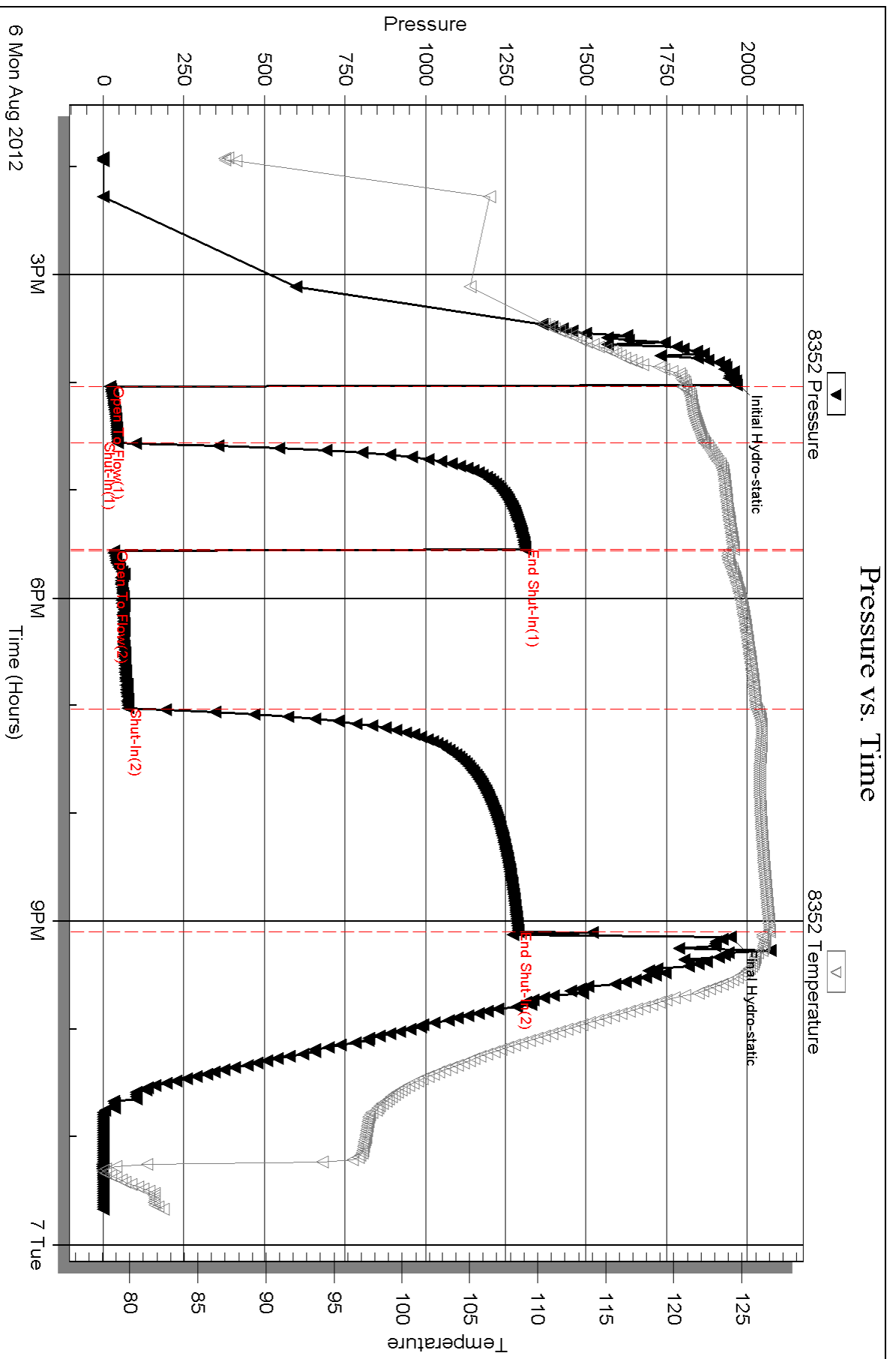
Test Start: 2012.08.06 @ 13:54:49

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

| Flow Period | Elapsed Time | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|-------------|--------------|----------------|-----------------|------------------|
| 2 | 10 | 0.13 | 8.00 | 8.38 |
| 2 | 10 | 0.13 | 8.00 | 8.38 |
| 2 | 20 | 0.25 | 10.00 | 38.71 |
| 2 | 30 | 0.25 | 8.00 | 35.54 |
| 2 | 40 | 0.25 | 7.00 | 33.95 |
| 2 | 50 | 0.25 | 6.00 | 32.36 |
| 2 | 60 | 0.25 | 6.00 | 32.36 |
| 2 | 70 | 0.25 | 5.00 | 30.78 |
| 2 | 80 | 0.25 | 5.00 | 30.78 |



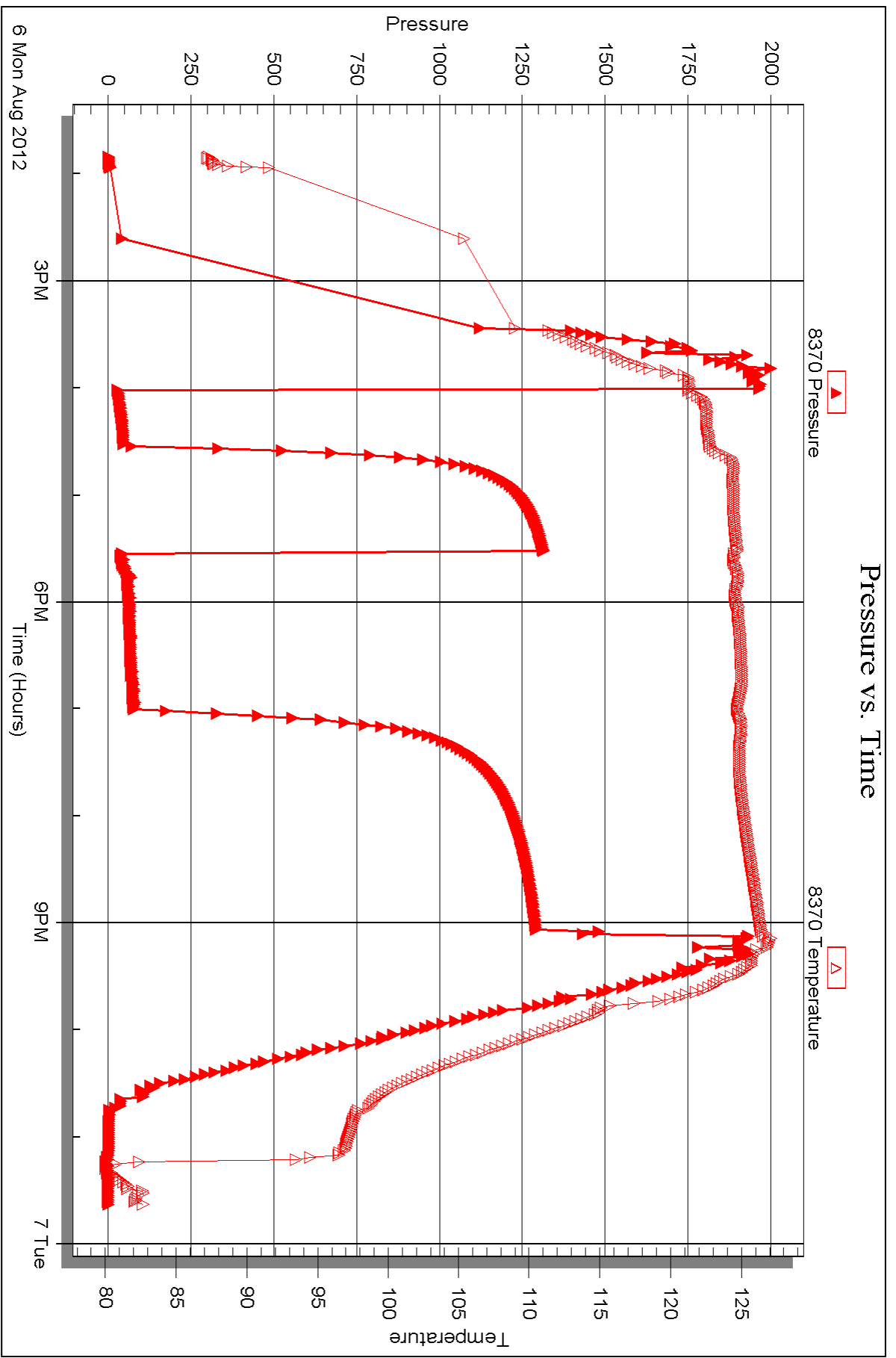
Serial #: 8370

Inside

McCoy Petroleum Corp.

Eskine B #1-32

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central Ste.300
Wichita KS 67206

ATTN: Jerry A. Smith

Erskine B #1-32

32-31s-3w Sumner,KS

Start Date: 2012.08.08 @ 10:15:23

End Date: 2012.08.08 @ 20:53:46

Job Ticket #: 47594 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.10 @ 16:21:29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
8080 E. Central Ste.300
Wichita KS 67206
ATTN: Jerry A. Smith

32-31s-3w Sumner,KS

Erskine B #1-32

Job Ticket: 47594

DST#: 3

Test Start: 2012.08.08 @ 10:15:23

GENERAL INFORMATION:

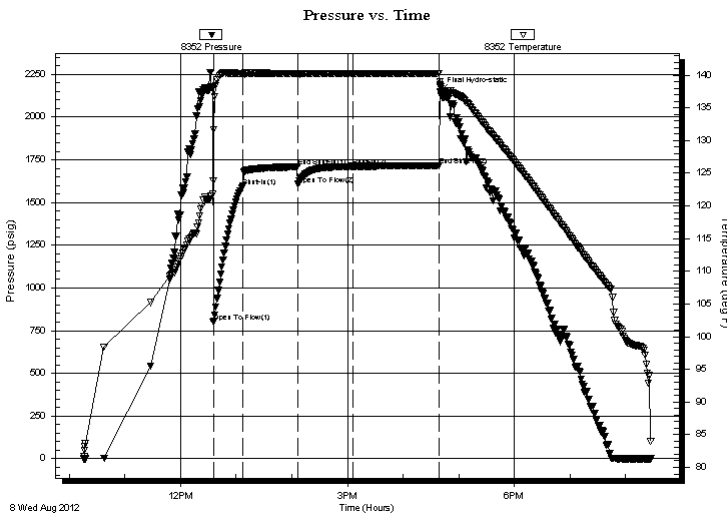
Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:35:08
 Tester: Gary Pevoteaux
 Time Test Ended: 20:53:46
 Unit No: 56
 Interval: **4383.00 ft (KB) To 4390.00 ft (KB) (TVD)**
 Reference Elevations: 1287.00 ft (KB)
 Total Depth: 4390.00 ft (KB) (TVD)
 1278.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 9.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 1711.46 psig @ 4384.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.08 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 10:15:28 End Time: 20:26:45 Time On Btm: 2012.08.08 @ 12:33:08
 Time Off Btm: 2012.08.08 @ 16:40:08

TEST COMMENT: IF: Strong blow . B.O.B. in 35 secs.
 IS: Weak blow . 3 - 4" decreasing after 45 mins.
 FF: Strong blow . B.O.B. in 2 mins. Decreasing to 2" after 60 mins.
 FS: No blow .

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2176.15 | 121.57 | Initial Hydro-static |
| 2 | 799.16 | 123.84 | Open To Flow (1) |
| 34 | 1595.09 | 140.26 | Shut-In(1) |
| 93 | 1709.00 | 140.27 | End Shut-In(1) |
| 93 | 1606.40 | 140.22 | Open To Flow (2) |
| 153 | 1711.46 | 140.26 | Shut-In(2) |
| 246 | 1714.79 | 140.26 | End Shut-In(2) |
| 247 | 2146.30 | 138.17 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 3420.00 | SW | 46.06 |
| 160.00 | MW 12%m 88%w | 2.24 |
| 0.00 | Trace of GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47594

DST#: 3

ATTN: Jerry A. Smith

Test Start: 2012.08.08 @ 10:15:23

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 4173.00 ft | Diameter: 3.80 inches | Volume: 58.54 bbl | Tool Weight: | 2400.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 24000.00 lb |
| Drill Collar: | Length: 210.00 ft | Diameter: 2.25 inches | Volume: 1.03 bbl | Weight to Pull Loose: | 102000.0 lb |
| | | | <u>Total Volume: 59.57 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 28.00 ft | | | String Weight: Initial | 72000.00 lb |
| Depth to Top Packer: | 4383.00 ft | | | Final | 90000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 7.00 ft | | | | |
| Tool Length: | 35.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|--------------|------|------|---------|---------|------------------------------|
| C.O. Sub | 1.00 | | | 4356.00 | |
| Shut in tool | 5.00 | | | 4361.00 | |
| HMV | 5.00 | | | 4366.00 | |
| Jars | 5.00 | | | 4371.00 | |
| Safety Joint | 3.00 | | | 4374.00 | |
| Packer | 4.00 | | | 4378.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4383.00 | |
| Stubb | 1.00 | | | 4384.00 | |
| Recorder | 0.00 | 8370 | Inside | 4384.00 | |
| Recorder | 0.00 | 8352 | Outside | 4384.00 | |
| Perforations | 1.00 | | | 4385.00 | |
| Bullnose | 5.00 | | | 4390.00 | 7.00 Bottom Packers & Anchor |

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47594

DST#: 3

ATTN: Jerry A. Smith

Test Start: 2012.08.08 @ 10:15:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 137000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------|----------------|
| 3420.00 | SW | 46.061 |
| 160.00 | MW 12%m 88%w | 2.244 |
| 0.00 | Trace of GIP | 0.000 |

Total Length: 3580.00 ft Total Volume: 48.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

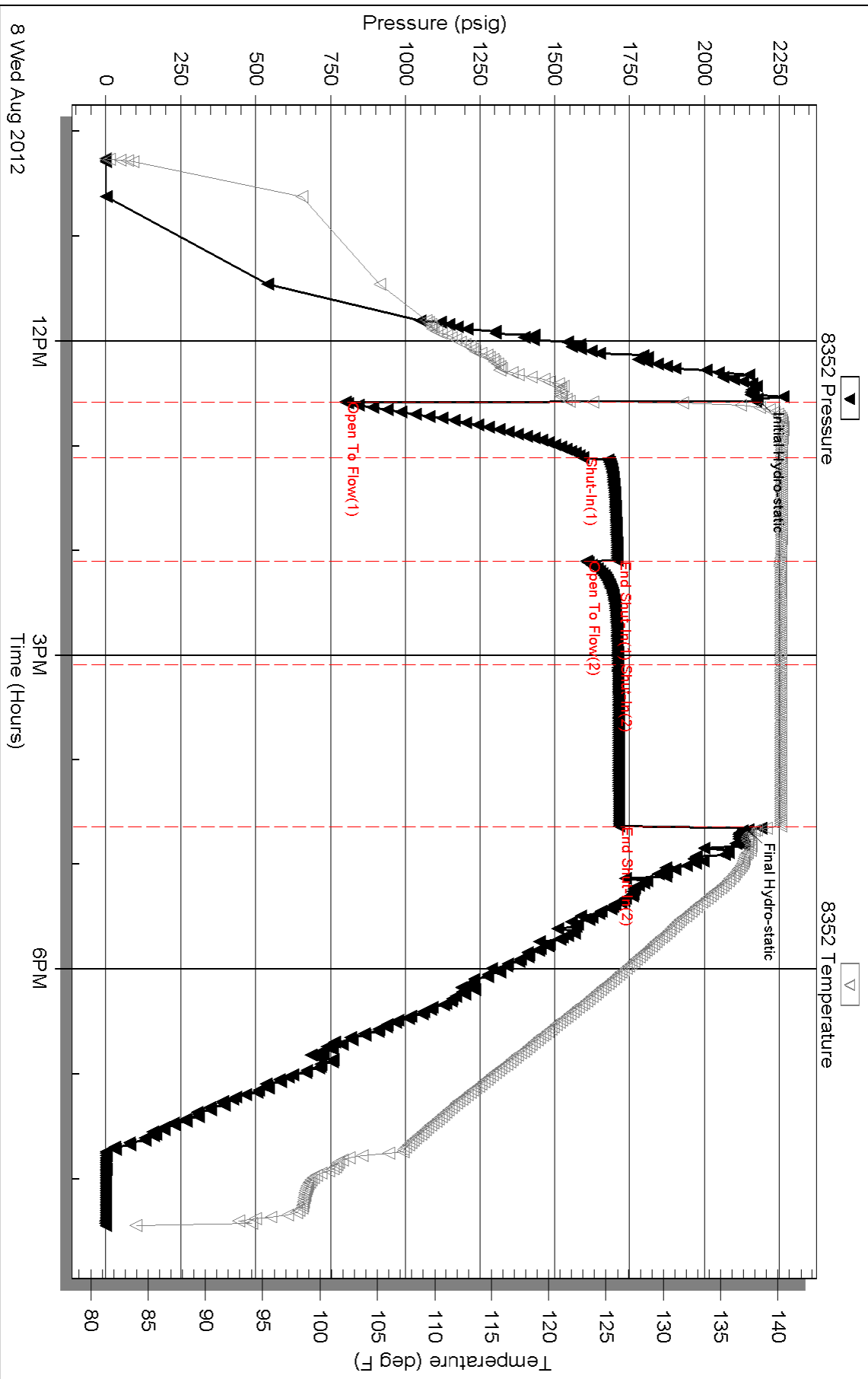
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .04 ohms @104 deg

Pressure vs. Time



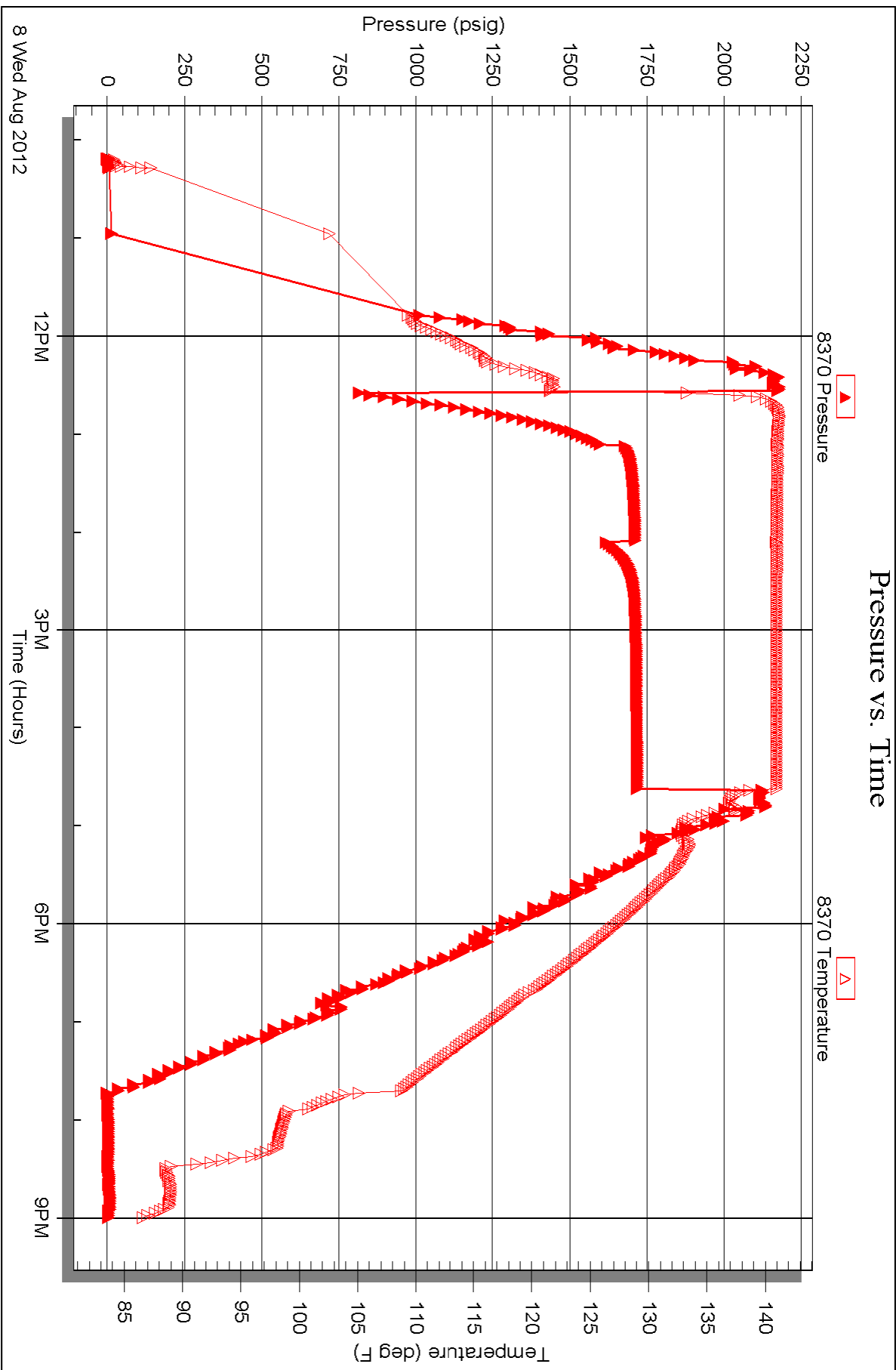
Serial #: 8370

Inside

McCoy Petroleum Corp.

Eskine B #1-32

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47592

Well Name & No. ERSKINE "B" #1-32 Test No. 1 Date 8-4-12
 Company McCoy Petroleum Corp. Elevation 1287 KB 1278 GL
 Address 2080 E. CENTRAL, STE. 300, WICHITA KS. 67206
 Co. Rep / Geo. JERRY A. SMITH Rig STERLING DRILL #4
 Location: Sec. 32 Twp. 31S Rge. 3W Co. SUMNER State Ks.

Interval Tested 3410 ~ 3492' Zone Tested SWOPE & HERTHA
 Anchor Length 82' Drill Pipe Run 3183' Mud Wt. 9.3
 Top Packer Depth 3405' Drill Collars Run 210' Vis 53
 Bottom Packer Depth 3410' Wt. Pipe Run 0 WL 9.2cc
 Total Depth 3492' Chlorides 3,000 ppm System LCM 0

Blow Description IF: Fair to strong blow. B.O.B. in 12 mins.
ISI: No blow.
FF: Strong blow. B.O.B. in 10 secs. FSI: No blow.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------|---|------|------|--------|------|
| 2170 | Feet of <u>Cas in pipe</u> | | | | |
| 125 | Feet of <u>SOC, GM</u> | 47 | 3 | | 50 |
| 120 | Feet of <u>SOC, GM O'w/c, GM</u> | 42 | 6 | 19 | 33 |
| | Feet of | %gas | %oil | %water | %mud |
| | Feet of | %gas | %oil | %water | %mud |

Rec Total 245 Fluid BHT 119° Gravity N/A API RW .3 @ 81 °F Chlorides 19,000 ppm

(A) Initial Hydrostatic 1683 Test 1150 T-On Location 1435
 (B) First Initial Flow 32 Jars 250 T-Started 1531
 (C) First Final Flow 70 Safety Joint 75 T-Open 1718
 (D) Initial Shut-In 664 Circ Sub T-Pulled 2119
 (E) Second Initial Flow 78 Hourly Standby T-Out 2333
 (F) Second Final Flow 110 Mileage 180 279 Comments _____
 (G) Final Shut-In 623 Sampler _____
 (H) Final Hydrostatic 1651 Straddle _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Initial Open 30 Extra Recorder _____
 Initial Shut-In 60 Day Standby _____
 Final Flow 60 Accessibility _____
 Final Shut-In 90 Sub Total 1754
 Sub Total 1754 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47593

4/10

Well Name & No. ERSKINE B # 1-32 Test No. 2 Date 8-6-12
 Company McCoy PETL. CORP. Elevation 1287 KB 1278 GL
 Address 9080 E. CENTRAL, STE. 300, WICHITA KS. 67206
 Co. Rep / Geo. JERRY A. SMITH Rig STERLING DRILL #4
 Location: Sec. 32 Twp. 31 S Rge. 3 W Co. SUMNER State Ks.

Interval Tested 3942 - 3958' Zone Tested MISS.
 Anchor Length 16' Drill Pipe Run 3727' Mud Wt. 9.3
 Top Packer Depth 3937' Drill Collars Run 210' Vis 49
 Bottom Packer Depth 3942' Wt. Pipe Run 0 WL 9.6 cc
 Total Depth 3958' Chlorides 3,000 ppm System LCM 3#
 Blow Description IF: Strong blow. B.O.B. in 25 sec. ~~ISI: No blow.~~
GTS in 26 mins. ISI: No blow.
FF: Strong blow. (see gas flow report) FSI: No blow.

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------------|--------------|-----------|-----------|-----------|-----------|
| 175 | <u>GOCWM</u> | <u>35</u> | <u>30</u> | <u>14</u> | <u>21</u> |
| 60 | <u>SMCO</u> | | <u>96</u> | | <u>4</u> |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 235 BHT 127° Gravity 39.4 API RW NK @ °F Chlorides 3,000 ppm
 (A) Initial Hydrostatic 1965 Test 1150 T-On Location 1335
 (B) First Initial Flow 21 Jars 250 T-Started 1354
 (C) First Final Flow 44 Safety Joint 75 T-Open 1602
 (D) Initial Shut-In 1312 Circ Sub _____ T-Pulled 2104
 (E) Second Initial Flow 34 Hourly Standby 100 T-Out 2340
 (F) Second Final Flow 76 Mileage (180) 279 Comments _____
 (G) Final Shut-In 1290 Sampler _____
 (H) Final Hydrostatic 1948 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1854
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1854

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47594

4/10

Well Name & No. ERSKINE B #1-32 Test No. 3 Date 8-8-12
 Company McCoy PETE CORP. Elevation 1287 KB 1278 GL
 Address 8080 E. CENTRAL, STE. 300, WICHITA KS. 67206
 Co. Rep / Geo. JERRY A. SMITH Rig STERLING DRILL #4
 Location: Sec. 32 Twp. 31S Rge. 3W Co. SUMNER State Ks.

Interval Tested 4383 ~ 4390 Zone Tested SIMPSON
 Anchor Length 7' Drill Pipe Run 4123' Mud Wt. 9.3
 Top Packer Depth 4378' Drill Collars Run 210' Vis 54
 Bottom Packer Depth 4383' Wt. Pipe Run 0 WL 9.2cc
 Total Depth 4390 Chlorides 3,000 ppm System LCM 4#

Blow Description IF: Strong blow. B.O.B. in 35 sec. ISI: Weak below. 3-4" decreasing after 45 mins.
FF: Strong blow. B.O.B. in 2 mins. Decreasing to 2" after 60 mins.
FSI: No blow.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------------------|--------------------|--------------------|-------------------|-----------------|------------------------------|
| <u>Trace</u> | <u>Gas in pipe</u> | | | | <u>FF</u> |
| <u>160</u> | <u>MW</u> | | | <u>88</u> | <u>12</u> |
| <u>3420</u> | <u>SW</u> | | | | |
| | | | | | |
| <u>3580</u> | | | | | |
| Rec Total | <u>3580 Fluid</u> | Gravity <u>N/A</u> | API RW <u>.04</u> | @ <u>104° F</u> | Chlorides <u>137,000</u> ppm |

| | | | | | |
|-------------------------|-------------|--|-----------------------|--|-------------|
| (A) Initial Hydrostatic | <u>2176</u> | <input checked="" type="checkbox"/> Test | <u>1250</u> | T-On Location | <u>0953</u> |
| (B) First Initial Flow | <u>799</u> | <input checked="" type="checkbox"/> Jars | <u>250</u> | T-Started | <u>1015</u> |
| (C) First Final Flow | <u>1595</u> | <input checked="" type="checkbox"/> Safety Joint | <u>75</u> | T-Open | <u>1235</u> |
| (D) Initial Shut-In | <u>1709</u> | <input type="checkbox"/> Circ Sub | | T-Pulled | <u>1634</u> |
| (E) Second Initial Flow | <u>1606</u> | <input checked="" type="checkbox"/> Hourly Standby | <u>50</u> | T-Out | <u>2036</u> |
| (F) Second Final Flow | <u>1711</u> | <input checked="" type="checkbox"/> Mileage | <u>130</u> <u>279</u> | Comments | |
| (G) Final Shut-In | <u>1715</u> | <input type="checkbox"/> Sampler | | | |
| (H) Final Hydrostatic | <u>2146</u> | <input type="checkbox"/> Straddle | | <input type="checkbox"/> Ruined Shale Packer | |
| Initial Open | <u>30</u> | <input type="checkbox"/> Shale Packer | | <input type="checkbox"/> Ruined Packer | |
| Initial Shut-In | <u>60</u> | <input type="checkbox"/> Extra Packer | | <input type="checkbox"/> Extra Copies | |
| Final Flow | <u>60</u> | <input type="checkbox"/> Extra Recorder | | Sub Total | <u>0</u> |
| Final Shut-In | <u>90</u> | <input type="checkbox"/> Day Standby | | Total | <u>1904</u> |
| | | <input type="checkbox"/> Accessibility | | MP/DST Disc't | |
| | | Sub Total | <u>1904</u> | | |

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